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|--|-----------------------------|-------------------|
| <b>IN THE<br/>UNITED STATES<br/>PATENT AND TRADEMARK<br/>OFFICE</b>                          | <i>Application No.</i>      | 10/080,408        |
|  | <i>Filing Date</i>          | February 25, 2002 |
|  | <i>First Named Inventor</i> | Shigeo Nakamura   |
|  | <i>Group Art Unit</i>       | 1733              |
|  | <i>Examiner Name</i>        | John T. Haran     |
|  | <i>Confirmation No.</i>     | 9152              |
|  | <i>Attny. Dkt. No.</i>      | 2653-103          |
| <i>Title of the Invention:</i> A PROCESS FOR PRODUCING A MULTI-LAYER<br>PRINTER WIRING BOARD |                             |                   |

**AMENDMENT UNDER 37 C.F.R. § 1.111**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Office Action mailed February 12, 2004, please enter the amendments and remarks contained on the following pages, which are summarized below.

**Amendments to the Specification** are reflected in the listing of specification which begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begin on page 3 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.



# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

|  | Complete if Known    |                   |
|--|----------------------|-------------------|
|  | Application No.      | 10/080,408        |
|  | Filing Date          | February 25, 2002 |
|  | First Named Inventor | Shigeo Nakamura   |
|  | Group Art Unit       | 1733              |
|  | Examiner Name        | John T. Haran     |
| Total Number of Pages in This Submission <u>20</u> | Attorney Docket No.  | 2653-103          |
| ENCLOSURES (check all that apply)                  | Customer No.         | 06449             |
|  | Confirmation No.     | 9152              |

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|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form                     | <input type="checkbox"/> Assignment Papers  | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input checked="" type="checkbox"/> Fee Attached                             | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input checked="" type="checkbox"/> Amendment/Reply                          | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition   | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Other Enclosure(s) (please identify below):                       |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Terminal Disclaimer  |  |
| <input type="checkbox"/> Information Disclosure Statement                    | <input type="checkbox"/> Request for Refund   |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input type="checkbox"/> CD, Number of CD(s)  |  |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    |   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

REMARKS:

|                      |                                     |                          |                 |                      |         |
|----------------------|-------------------------------------|--------------------------|-----------------|----------------------|---------|
| SUBMITTED BY         |                                     | Complete (if applicable) |                 |                      |         |
| NAME AND REG. NUMBER | Leigh Z. Callander, Reg. No. 55,035 |                          |                 |                      |         |
| SIGNATURE            |                                     | DATE                     | August 12, 2004 | DEPOSIT ACCT USER ID | 02-2135 |